

## Environmental Testing and Thermal Aging

The U.S. Technical Center is equipped with test chambers that are just the right size to meet the environmental testing requirements of a variety of projects.

Each environmental chamber is equipped with several cable ports to allow units under test to be fully operational during testing. Services such as compressed air, water, and electrical supply are available to support the test requirements.

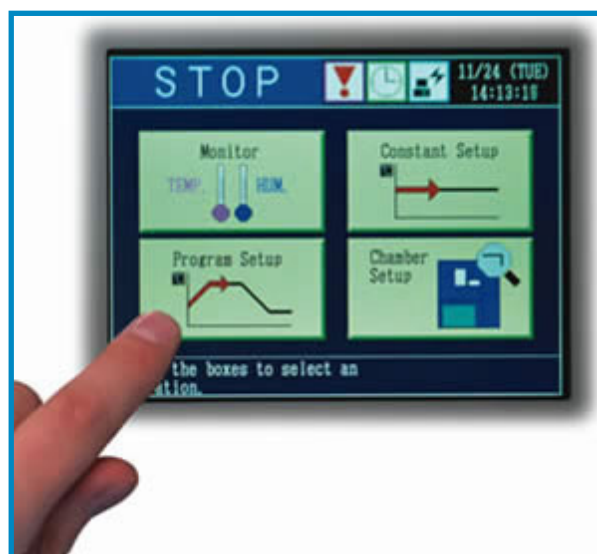


*Framatome's large chamber can accommodate most components without disassembly, allowing for operational tests.*

### Programmable Control

Each environmental chamber is equipped with a programmable controller. Test parameters are programmed to match customer requirements including automatic start and stop functions, temperature and humidity changes, time at temperature, test duration, and programmable alarm conditions. Thermocouple readings are recorded using Yokogawa digital data recorders, which feed data directly to the lab's internal data collection and management network.

Abnormal test conditions result in local and remote alarms allowing prompt investigation and resolution to minimize downtime.



**Your performance**  
is **our** everyday **commitment**

Specification	Bench Top	Reach-In	Walk-In
Length (inches)	14	24	112
Width (inches)	19	19	101
Height (inches)	23	29	101
Minimum Temperature (°C)	-35	-35	-30
Maximum Temperature (°C)	180	180	150

The U.S. Technical Center environmental lab has just the right size and temperature ranges for your test specimen. Each chamber is capable of maintaining humidity control between 10 and 95% relative humidity.

Additional small chambers are available for temperatures up to 250° C without humidity control.

You can rely on Framatome to satisfy your most demanding safety-related testing needs.

## Features and Benefits

- Minimizes downtime
- IEEE 323-and MIL STD 810-Compliant testing protocols
- A wide range of temperatures for your specific specimen



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